



# The Raleigh Amateur Radio Society's **EXCITER**

## GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



## PUBLIC SERVICE EVENTS

Interested in helping? Visit <https://www.rars.org/public-service.php>

frequently for our 2019 ham public service schedule.

## RARS General Meeting

**Topics:** Awards, Carl Davis, W8WZ,

RARS Birthday Party & RARSfest Update

RARSfest Chair, Tara Goodwin W4TSW

**Date:** March 12, 2019

**Time:** Meeting at 7:30PM

*Informal gathering and refreshments from 7 - 7:30 p.m.*

**Where:** Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, New Ham Meeting Coordinator

[Click here for more information.](#)

## Presidents Comments

By Carl Davis, W8WZ

As we enter March we have concluded the North Carolina QSO Party and are looking forward to RARSfest which is quickly approaching on Saturday, 20 April 2019.

If you have not already done so, please go to the webpage <https://www.rars.org/helpwanted.html> and sign up to be a volunteer. There are still many volunteer opportunities open.

RARS has a consignment table available to our members so that members can put their gear that is for sale on the table to be sold while

[Continued on page 8](#)

# Happy Birthday to RARS, WOW, 50 years.

## Early RARS history

Thanks to Chuck Littlewood K4HF for keeping copies of the RARS historical documents. We now have scans of two newsletters from 1969. They were not called Exciters in the early years.

<https://www.rars.org/exciters/1969/RARSExciter09-1969.pdf>

<https://www.rars.org/exciters/1969/RARSExciter11-1969.pdf>

The Articles of Incorporation of RARS are at this URL.

<https://www.rars.org/documents/Original RARS Incorporation Papers.pdf>

Bill McDowell, K4CIA, provided names of the early members from 1968. They are listed on the next page.

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## The Exciter

In the March 1984 RARS newsletter Ann Bradley, WA4APK, reminded the members there is a “name the newsletter” contest and would like suggestions as soon as possible. The cover of the that newsletter listed Frank Weiss, KY4W as the editor and Ann Bradley, WA4APK as the production editor.

The April 1984 RARS newsletter was the first one called The Exciter. Frank Weiss must have turned over editor duties to Ann because her name was the only one listed on the April issue. Ann wrote in the Exciter that a number of names for the newsletter were submitted. The list of names was told to the members without telling who submitted them. There was a vote by a show of hands, first eliminating those with one or no votes. Finally the choice was RARS EXCITER, suggested by Chuck Littlewood, K4HF.

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## *Fiftieth Anniversary Party*

*All members and guests are encouraged to attend the RARS Fiftieth Anniversary Party Tuesday, March 12 where good fellowship, food, prizes and Great RARS Member Recognition will be the name of the game.*

*Don't miss it!*

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<https://www.rars.org>

## RARS Founders

From Bill, K4CIA.

These ten guys met Sept 7, 1968 at the North Hills Steak House. I consider them the Founders of RARS. Subsequent meetings at their various houses led to the formation of the Raleigh Amateur Radio Society over the next several months.

1. Paul McLeod, WB4KDT (SK)
2. Bob Workman, WA4ZZN..lives in Morehead City
3. Bill McDowell, K4CIA
4. John Fried, W4WWD, lives in Florida
5. Bob Corns, W4FDV, later K4MC (SK)
6. Stu Meyer, W2GHK/4 (SK)
7. Ed Alderman, WA4PEN (SK)
8. Sam Beard, WA4POS (SK)
9. Hans Noller, DJ2IA/W4 (SK)
10. Bill Sims, K4RUQ, now W4AK

## RARS Charter Members

This is the list of people who are listed in the Articles of Incorporation of RARS. It was signed on the 8th of January 1969. The first 11 signed the document. The others were not present at the signing but are listed.

1. Paul McLeod, WB4KDT (SK),
2. Bob Workman, WA4ZZN, Lives in Morehead City
3. Bill McDowell, K4CIA,
4. John Fried, W4WWD, lives in Florida
5. Bob Corns, W4FDV, later K4MC (SK)
6. Stu Meyer, W2GHK/4 (SK)
7. Thomas Alexander, WA4OTA (SK)
8. Louis Alexander, K4BYN
9. Lee Johnson, WA4ZNA, now N4WYE
10. Ed Alderman, WA4PEN (SK)
11. Kincheon Bailey JR, W4FMN (SK)
12. David Langley, W4YDY
13. Hans Noller, DJ2IA/W4 (SK)
14. Jim Wilson, WB4HAL (SK)
15. Robert Morris, W4KXW (SK)
16. Robert Hanesworth, WA4DHF
17. K4RUQ-William Sims, now W4AK
18. Carroll Willis Jr. WA4VCZ, now KD4JH
19. WA4POS-Sam Beard (SK)

## RARS Officers in the early years.

| RARS officers |                         | February 26, 2019      |                         |
|---------------|-------------------------|------------------------|-------------------------|
| year          | President               | Vice President         | Secretary               |
| 1969          | Edward Alderman, WA4PEN | None                   | Robert Workman, WA4ZZN  |
| 1970          | Edward Alderman, WA4PEN | Lee Johnson, WA4ZNA    | Robert Workman, WA4ZZN  |
| 1971          | Edward Alderman, WA4PEN | Lee Johnson, WA4ZNA    | Robert Workman, WA4ZZN  |
| 1972          | Lee Johnson, WA4ZNA     | Tom Martin, K4CQJ      | Chuck Littlewood, W4RUH |
| 1973          | Lee Johnson, WA4ZNA     | Tom Martin, K4CQJ      | Chuck Littlewood, W4RUH |
| 1974          | Al Clement, WA4DKZ      | Sherman Starnes, W4TZU | Chuck Littlewood, W4RUH |
| 1975          | Al Clement, WA4DKZ      | Dave Thomas, K4SAN     | Chuck Littlewood, W4RUH |
| 1976          | Chuck Littlewood, W4RUH | Dave Thomas, K4SAN     | Jim Leatherwood, WA4BOV |
| 1977          | Chuck Littlewood, W4RUH | Dave Thomas, K4SAN     | Jim Leatherwood, WA4BOV |
| 1978          | Chuck Littlewood, K4HF  | Dave Thomas, K4SAN     | Jim Peeler, WA4YOM      |
| 1979          | Chuck Littlewood, K4HF  | Ron Oates, AA4VK       | Jim Peeler, WA4YOM      |

| year | Treasurer            | Exciter Editor                                    |
|------|----------------------|---------------------------------------------------|
| 1969 | Bill McDowell, K4CIA | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1970 | Bill McDowell, K4CIA | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1971 | Bill McDowell, K4CIA | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1972 | Bill McDowell, K4CIA | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1973 | Bill McDowell, K4CIA | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1974 | Jesse Hodges, W4EEL  | Dave Langley, W4YDY<br>Tom Alexander, WA4OTA      |
| 1975 | Paul Thoburn, WB4MKY | Charles Swindell, WB4DCM<br>Tom Alexander, WA4OTA |
| 1976 | Paul Thoburn, WB4MKY | Charles Swindell, WB4DCM<br>C.T. West, WD4HSI     |
| 1977 | Paul Thoburn, WB4MKY | Charles Swindell, WB4DCM<br>C.T. West, WD4HSI     |
| 1978 | Paul Thoburn, WB4MKY | C.T. West, WD4HSI                                 |
| 1979 | Bill Feeham, WB4EOV  | C.T. West, WD4HSI                                 |

This list of officers  
was compiled from  
paper Exciters.

Hopefully I have not  
made any mistakes.

The full list will be on  
the RARS website  
sometime in the  
future.

73 Tom N4TL

# FIRST ANNUAL HAMFEST

Sponsored By  
RALEIGH AMATEUR RADIO SOCIETY  
at  
N. C. State Fairgrounds, Raleigh, N. C.

**SUNDAY  
APRIL  
15  
1973**

## LOOK!

- FLEA MARKET •
- MARS MEETING •
- PRIZES •
- WOMENS ACTIVITIES •
- NET & ASSOCIATION MEETINGS •
- MEAL — BUFFET (No Barbeque) •
- FREE PEPSI & COFFEE ALL DAY •

REMEMBER THE 1970 ARRL ROANOKE DIVISION CONVENTION AND THE 1971 ARRL NORTH CAROLINA STATE CONVENTION? WELL, THE RALEIGH AMATEUR RADIO SOCIETY IS DOING IT AGAIN. THIS YEAR THE RARS IS SPONSORING THE FIRST ANNUAL HAMFEST AT THE NORTH CAROLINA STATE FAIRGROUNDS IN RALEIGH. EVERYTHING, INCLUDING THE FLEA MARKET, WILL BE INDOORS SO COME RAIN OR SHINE THE HAMFEST WILL GO ON. THERE IS EVEN PAVED PARKING!

COME ON TO RALEIGH APRIL 15 AND SEE! GET IN ON ALL THE FUN, ACTIVITIES, EYE-BALL QSO'S AND LOTS MORE!

### -- FLEA MARKET --

THE FLEA MARKET WILL BE HELD INDOORS SO THERE WILL BE NO PROBLEM WITH RAIN OR COLD WEATHER. FLEA MARKET DEALERS MAY DRIVE THEIR VEHICLES DIRECTLY INTO THE BUILDING WHERE THEY WILL DISPLAY THEIR JUNKIE OR SELECTED MERCHANDISE. ANY DEALER CAN RESERVE SPACE BY WRITING RARS.

### -- MEETINGS --

THERE WILL BE MEETINGS GALORE AT THE HAMFEST. WE EXPECT MARS, THE DX SOCIETY, FM, NETS, AND OTHER GROUPS TO HOLD MEETINGS DURING THE HAMFEST. SPACE FOR MEETINGS CAN BE RESERVED BY WRITING RARS.

### -- WOMENS ACTIVITIES --

ONCE AGAIN, GIRLS, WE HAVEN'T FORGOTTEN ABOUT YOU. OUR YL'S AND XYL'S HAVE PLANNED A PROGRAM THAT WILL BE YOUR HIGHLIGHT OF ANY HAMFEST.

RARS WILL CONDUCT A TALK-IN ON SATURDAY NIGHT (For Those Of You Who Arrive Early) AND ON SUNDAY MORNING FOR THOSE WHO ARE MOBILING INTO THE RALEIGH AREA AND NEED DIRECTIONS. STATIONS WILL BE ON 80-METER SSB ON 3923 kHz AND ON 2-METER FM ON 146.94 SIMPLEX, 146.28/146.88, and 146.04/146.64.

OVERNIGHT TRAILER AND CAMPER PARKING WILL BE AVAILABLE AT THE FAIRGROUNDS FOR \$2.00.

FOR ADDITIONAL INFORMATION, DETAILS, OR RESERVATIONS FOR SPACE FOR MEETINGS OR THE FLEA MARKET WRITE:

RARS HAMFEST, POST OFFICE BOX 17124, RALEIGH, NORTH CAROLINA 27609



## RARS Officers

### PRESIDENT

Carl Davis  
W8WZ  
773.949.5243  
[w8wz@aol.com](mailto:w8wz@aol.com)

### VICE PRESIDENT

Tom Lewis  
N4TL  
[N4TL2@yahoo.com](mailto:N4TL2@yahoo.com)

### SECRETARY

Tara Goodwin  
W4TSW  
919.616.0211  
[taraskirby@gmail.com](mailto:taraskirby@gmail.com)

### TREASURER

Greg Seamster  
KE4PAX  
919.859.0029  
[KE4PAX@arrl.net](mailto:KE4PAX@arrl.net)



## The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website ([www.rars.org](http://www.rars.org)).

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## Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at [www.rars.org](http://www.rars.org). Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor ([editor@rars.org](mailto:editor@rars.org))

## For Your Information

### RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011  
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The  
meeting officially begins at 7:30 p.m.

### RARS Monthly Dinner

All members and guests are welcome to  
the monthly (first Tuesday) RARS Supper,  
6:30PM, at the Golden Corral Restaurant,  
6129 Glenwood Ave., Raleigh. Informal and  
Dutch, just bring your appetite and best rag to  
chew. 73, Chuck, K4HF

### RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.  
on the 146.640 repeater. All hams holding a  
Technician class license or higher are invited  
to check in. We welcome both RARS and non-  
RARS members to the net.

There is a net Listing on the RARS  
website click here. [https://www.rars.org/  
nets.php](https://www.rars.org/nets.php)

### VE Testing

The RARS VEs will accept walk-in testing in  
February, May, August and December at  
5:30PM, prior to RARS membership meetings  
at Ridge Road Baptist Church; the RARSfest  
in April; the Cary Swapfest in July; the  
JARSFest in November; and following RARS  
license classes. Please bring a photo ID, your  
original and a copy of your current license,  
your \$14 exam fee, and any valid CSCEs that  
prove passing elements beyond that of your  
current license. Visit <https://www.rars.org> for  
more information.

**February 2019**

## RARS Net Monthly Summary

Check-ins: 519

Traffic Brought/Passed: 14/14

Minutes: 990

Sessions: 28

Virginia Enzor NC4VA

RARS Net Manager

## Future Hamfests

A full list of Hamfests can be found at the  
[ARRL website.](#)

03/08/2019 | [North Carolina Section Convention  
\(Charlotte Hamfest\)](#)

**Location:** Concord, NC

**Type:** ARRL Convention

**Sponsor:** Mecklenburg Amateur Radio Society

**Website:** <http://charlottehamfest.org>

03/21/2019 | [North Carolina AWA Conference](#)

**Location:** Charlotte, NC

**Type:** Awa Convention

**Sponsor:** Carolinas chapter of AWA

**Website:** [www.cc-awa.club](http://www.cc-awa.club)

04/20/2019 | [North Carolina State Convention  
\(Raleigh Hamfest\)](#)

**Location:** Raleigh, NC

**Type:** ARRL Convention

**Sponsor:** RARS

**Website:** <http://rarsfest.org>

## President's Message continued

the member enjoys the rest of the Hamfest, [This year you must register your items for this table before Friday April 19<sup>th</sup> at the RARS website ]. I will be volunteering at that table as well as putting some of my surplus gear on the table this year. There are still volunteers needed for this area, as well as ticket sales, security, tear down, for the social on Friday evening, and other positions too. Check out the webpage and volunteer for a job that sounds fun to you.

Also, please remember to join us on Friday (19 April) evening for dinner with our guests. RARS members are asked to bring a dish to share.

RARS is also looking for a venue to hold our Technician Licensing Classes. The use of Wake Tech has become cost prohibitive and we have been unable to secure the use of classroom space at NC State. We prefer a location that is in Raleigh, can comfortably serve 20 students, has provision for the use of a video projector and can be used by RARS at little or no cost to the club. We would prefer a place we could use each Spring so that we don't need to find a new location every year. We need to be able to use the space 4 consecutive Saturdays from 8 AM to 1 PM each Saturday. The facility must also allow us to have unaccompanied minors in our class as some of our students are under age 18 and come without their parents. RARS charges a fee for the class which covers the cost of the materials we provide to the students. These practices rule out our use of public libraries and all of the government owned facilities we have contacted due to their policies about unaccompanied minors and requirements that all offerings in such buildings be free. Additionally, fees to rent schools in Wake County and the church where RARS meets are too high for us. If you are a member of a Church, Synagogue, Mosque, Lodge or Club that has meeting space we could use, please let me know by sending an e-mail to me at [atw8wz@aol.com](mailto:atw8wz@aol.com).

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## Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

|           |                                                                            |                                                  |
|-----------|----------------------------------------------------------------------------|--------------------------------------------------|
| 4/9/2019  | Restoration of a Collins KWM-1 transceiver                                 | John Green, KX4P                                 |
| 5/14/2019 | Amateur Radio Direction Finding<br>with a demonstration on 2 and 80 meters | Ruth Bromer, WB4QZG, &<br>Joseph Huberman, K5JGH |
| 6/11/2019 | Field Day                                                                  | Bob Starkenburg, W4TTX                           |
| 7/9/2019  | 80 foot tower installation with 40/30 Optibeam                             | Dave Wood, W4EJ                                  |
| 8/13/2019 | What makes FT8 work?                                                       | Chuck Till, K4RGN                                |



## RARS February Membership Meeting

Using a Drone to Capture Video Images for UNC TV



Bob Gunter, PBS VideoGrapher

## February Membership Meeting, Door Prize winners



Left to right, Mel Johnson; Tara Goodwin, W4TSW; Charles Swindell, WB4DCM;  
Virginia Enzor, NC4VA; Daniel Bartholomew, AG4DB  
Curt Phillips, W4CP; Charles West, K4CBW

*New HAM meeting, 6:00 p.m. before the  
member meeting*

*Tadd Torborg, KA2DEW, New Ham meeting Coordinator*

*The New Hams meeting is held every month before the regular RARS meeting.  
We'll try to start by 6pm. We try to address topics in a manner that will be of help  
to hams in their first year of operation.*



Tadd Torborg, KA2DEW, reviewing coax cables

At the February New Ham meeting, the class discussed coaxial cable. The attendees handled various coax types to check flexibility. We talked about the cost of various types, the cost and ease of installation of connectors, as well as the various manufacturers and places to shop. The class used several radios, on 10m, 2m, and 440, two kinds of watt-meter, and two different kinds of coax to observe how the transmit power is lower at the end of the coax than at the transmitter. We analyzed and discussed what kinds of coax are best for different applications.

In March the attendees will be testing various oscilloscopes and in April there will be a satellite demo by John Brier (KG4AKV)

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*What year did you join RARS?*

### **Tickets**

**Pre-Registration \$8.00**

**At Door: \$10.00**

# **RARSFEST**

- Huge All Indoor Flea Market with 230+ Tables.
  - Commercial dealer booths.
  - Door Prizes.
  - Walk-In License Exams.
  - Get On The Air at our GOTA station
- 
- Hands-On You-Build-It Project Table.
  - Meetings and Forums.
  - QSL Card checking for ARRL and CQ awards.
  - Indoor Fox Hunt.
  - Satellite Communications Demonstration
- 

**100,000 SQ Foot INDOOR**

**April 20th**

**8am-3pm**

<https://www.rarsfest.com>



# **47th Annual RARSfest ARRL NC State Convention April 20, 2019 at NC State Fairgrounds**

February 2019

*RARSfest* Tickets Make A Great Valentines Gift!!!

As the month of February is pushing behind us we are roughly two months away from the 47<sup>th</sup> Annual *RARSfest* convention that will be held at the North Carolina State Fairground on April 20<sup>th</sup>, 2019, presented by The Raleigh Amateur Radio Society.

Tickets are currently on sale [www.rarsfest.org](http://www.rarsfest.org) and at *RARSfest* will be the host site for the 2019 ARRL North Carolina State Convention, and will be located at the 100,000 square foot Jim Graham Building at t, 1025 Blue Ridge Rd from 8am until 3pm on April 20<sup>th</sup> (Easter Saturday).

We are pleased to announce that AMSTAT will be with us again and that John Brier, KG4AKV, will be hosting satellite demos throughout the day. We will also have a Fox Hunt and J-pole building table to keep your hands and mind busy in between shopping in our huge flea-market and grabbing a quick bite in the café.

Know someone looking to get their license or are you ready to upgrade your own? We will have a great team of VE's on site with a testing session that begins at 9am; No Appointment Needed!

And don't forget that if you're a RARS members you can sell your items at our [consignment table](#), online pre-registration is required.

Need to know more? Then go to our [RARSfest](#) page to get all the up to date information on Forums, Schedules, Demos, Shopping, and so much more. We look forward to seeing **YOU** in just a few months!!

Tara Goodwin – W4TSW

*RARSfest* Chair

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<https://www.rars.org>

## NOW HIRING

Do you love ham radio and hamfest? Are you good at organizing and enjoy puzzles? Want to give back to your radio club? Then join the RARSfest committee as our next **Pre-Registration/Flea Market Coordinator**.

\*Coordinate where our flea market vendors will set up

\*Coordinate pre registration payments for tables and tickets

\*Assist with RARSfest set up

Benefits: Helping out RARS and RARSfest with an very important lead position.

Pay: The awesome feeling you get when you volunteer in an organization you love!

Join today and have the benefits of mentoring by someone who has held the position for many years!!!

For more information please contact Tara Goodwin W4TSW or Chuck Littlewood K4HF

### RARS Birthdays

|                |        |       |
|----------------|--------|-------|
| Carl           | KJ4WD  | 03/01 |
| Barbara        | KK4TLY | 03/02 |
| Marty          | W4MY   | 03/02 |
| Mason Williams |        | 03/03 |
| Bill           | KN4GYS | 03/04 |
| Walt           | K4ZVK  | 03/05 |
| Karl           | W4CHX  | 03/06 |
| Adrian         | KM4CSH | 03/07 |
| Rich           | KR4AS  | 03/08 |
| David          | KF4VXJ | 03/12 |
| Bob            | WA4ZZN | 03/12 |
| Pam            | KK4IPN | 03/13 |
| Roger          | K4CLK  | 03/17 |
| Larry          | K4LXV  | 03/17 |
| Eddie          | WK4I   | 03/18 |

### RARS Birthdays

|        |        |       |
|--------|--------|-------|
| Murray | K4MHM  | 03/20 |
| Ron    | KN4KUQ | 03/21 |
| John   | W2KI   | 03/22 |
| Greg   | KE4PAX | 03/23 |
| Edward | WQ2X   | 03/25 |
| Arthur | KX4IZ  | 03/27 |
| George | W3GP   | 03/28 |
| Dave   | K4DME  | 03/30 |
| John   | AF4ZE  | 03/30 |
| Alan   | KK4HUX | 03/30 |

### New RARS Member

|           |        |
|-----------|--------|
| Ed Ricker | KN4SOL |
|-----------|--------|



## Spotlight on RARS Net Friends

Virginia Enzor NC4VA, RARS Net Manager



This spotlight allows us to get better acquainted with our RARS Net friends and find out what they enjoy about the ham the radio hobby! The featured ham this month has mastered the art and enjoyment of portable operation!

The RARS net meets at 8:00 PM on the 146.64 repeater every evening! Please check in; we would love to hear about your day.

### Spotlight on Craig Sheppard

#### 1. Name, Callsign & License Class

Craig Sheppard W4CRG, EXTRA

#### 2. Year originally licensed

2016

#### 3. How did you get into ham radio?

Some things you just dive right into, others are a journey...for me to finally get my ham radio ticket was a long time coming. Growing up I had an interest in electronics and even built a very simple radio from scavenged parts that I had read in a Radio Shack guide, but stopped there. I had heard about shortwave radio and amateur radio but never really pursued it or knew anyone involved in those hobbies. By my teen years I had started running a BBS, which took up a lot of my time. No wonder it turned out that I work in IT hi hi...

Sometime in my 20s I got interested again in radio and bought a Sangean shortwave radio and an SWL listening guide. I was off listening to world radio. The news and info shared on shortwave was so different than the local news that I found it fascinating. It was a little glimpse into another part of the world. I had fun with that for a while and learned a little about propagation and frequency bands and antennas, but never made the leap to amateur radio.

At that point life had sort of taken over and by my late 30s I had lived in a few different states, married my wife, and had started a family. During 2015, I remember talking to Rob N4MN, who had got his ticket recently. He explained what the license exams were like and pointed me to some great resources online to prep for them. I had always wanted to get licensed but had never seriously looked into it. So the rusty wheels in my head started turning. And if that wasn't enough to get me going, lo and behold for Christmas that year, I unexpectedly received a Baofeng HT as a gift from my father-in-law! Well that was that—



Continued from the previous page

with new radio in hand, now I had to get my license! I didn't beat around the bush at that point. I studied and passed the Technician class exam the next month in January 2016. I've been enjoying the hobby more and more every year since!

4. What aspects of the hobby currently interest you?



Craig W4CRG's home station with a Kenwood transceiver

I enjoy a lot of different areas of amateur radio since I'm still learning about most of them! I have to say that chasing DX and following DXpeditions are the most exciting part of amateur radio for me. The idea of a signal coming out of a wire up in a tree in my backyard and bouncing around the world is just fascinating. I still get embarrassingly excited when I get an ATNO in a far off place or am able to reach a DXpedition team. I also tend to spend some time reading about the DX location while I'm chasing them--could be the history, geography, culture, what have you. Learning about the world is just another side benefit of our great hobby. (And it comes in very handy for trivia!)

Not every day is a DX day, so I also try to stay active in the Parks On The Air (POTA) program. My entire first year as a ham coincided with the successful National Parks On The Air (NPOTA) program and I think the excitement around that just stuck with me. I'm an active POTA hunter and try to chase activators any day I can. I also very much enjoy portable operations

Continued from the previous page

so I've been out to a few different parks and beaches as an activator as well. On the portable note--I didn't have a shack in the house for my first 6 months as a ham, so I operated only portable and QRP!

5. Positions you hold or have held in RARS or other organizations

None yet!

6. Any special awards? ( DXCC, WAS, WAC, IOTA, etc.)

WAS, DXCC, POTA Diamond Hunter Award (50 parks)



Craig W4CRG operating portable on the beach in Ocean City, New Jersey, with a Yaesu FT-817ND and WA3WSJ Black Widow antenna that he built. (For more information on the antenna, please visit <http://wa3wsj.homestead.com/BW.html>.)

7. Any special project you are currently working on?

I wouldn't really say it's special but my ongoing "project" is to build and tweak my portable antennas to try and find one that works best and is fastest to deploy. I love working portable, but I don't often have a lot of time to do it, so I want to get a good antenna set up fast. I think along the way I've tried most types of simple wire antennas but am always looking to try the next thing I read about to see how well it works. I think the antenna that surprised me the most with how well it worked is a doublet made out of speaker wire.

Continued from the previous page

8. Interest outside of radio?

With 3 sons aged 7 and under, most of my interests these days are their interests! I help coach some of their sports teams during part of the year. I love outdoor activities, so I try to take them fishing, paddling, and bike riding as much as I can. I've also been a competitive tennis player most of my life, playing on teams and in tournaments.

9. Words of advice for new hams?

Listen, ask questions, but most importantly, try it yourself! I've learned more by doing than anything else. Things make more sense when you try them rather than just read about them. You'll also find that some things actually do work even if some people think they won't. Your antenna is the most important part of your radio, but it doesn't have to be expensive to work well. Wire is cheap, and you probably aren't going to break anything by trying things out. Experiment!



Craig W4CRG's portable set up near Ithaca, New York with a  
Yaesu FT-817ND and an MFJ-1899T multi-band whip antenna

Check out Craig W4CRG's qrz.com webpage. He is quite the antenna builder and portable operator!

## RARS Net Trivia

Virginia Enzor NC4VA, RARS Net Manager

Every week I ask a question on the Wednesday night RARS Net to encourage conversation and to find out more about our RARS Net friends.

On February 13, 2018, the question was, "Where do you purchase radios and ham-related equipment?" We had 15 out of 28 check ins who stayed in for the ragchew and answered the question. Here are the results. This list makes a great reference when considering where to make purchases!

| Resource                                     | URL                                                                                | # times mentioned |
|----------------------------------------------|------------------------------------------------------------------------------------|-------------------|
| eBay                                         | ebay.com                                                                           | 8                 |
| Hamfests                                     |                                                                                    | 7                 |
| Ham Radio Outlet                             | <a href="http://www.hamradio.com/">www.hamradio.com/</a>                           | 7                 |
| Gigaparts                                    | <a href="http://www.gigaparts.com">www.gigaparts.com</a>                           | 5                 |
| DX Engineering                               | www.dxengineering.com                                                              | 4                 |
| Local hams                                   |                                                                                    | 3                 |
| Trader Joes in Youngsville NC                |                                                                                    | 3                 |
| Universal Radio                              | www.universal-radio.com                                                            | 3                 |
| QRZ.com swapfest                             | qrz.com                                                                            | 2                 |
| Amazon                                       | amazon.com                                                                         | 2                 |
| eHam.net                                     | www.eham.net/classifieds/                                                          | 1                 |
| RARS Classified ads online & in Exciter      | <a href="http://rars.org">rars.org</a>                                             | 1                 |
| RigExpert                                    | rigexpert.com                                                                      | 1                 |
| NC State Flea Market at NC State Fairgrounds |                                                                                    | 1                 |
| KJI Electronics                              | <a href="http://www.kjielectronics.com">www.kjielectronics.com</a>                 | 1                 |
| BGMicro Electronics                          | http://www.bgmicro.com/                                                            | 1                 |
| Electronic Goldmine                          | www.goldmine-elec-products.com                                                     | 1                 |
| All Electronics                              | www.allelectronics.com                                                             | 1                 |
| Alltronics                                   | <a href="http://www.alltronics.com/">www.alltronics.com/</a>                       | 1                 |
| Dan's Small Parts and Kits                   | <a href="http://www.danssmallpartsandkits.net/">www.danssmallpartsandkits.net/</a> | 1                 |
| Ham World                                    | https://hamworldinc.com/                                                           | 1                 |
| JPM Supply                                   | www.jpmsupply.com                                                                  | 1                 |
| CheapHam.com                                 | www.cheapham.com                                                                   | 1                 |
| RF Connection                                | https://rfconnection.com/                                                          | 1                 |
| texastowers.com                              | texastowers.com                                                                    | 1                 |

## RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

### **MFJ 464 CW Keyer/Digital Reader**

Posted February 8th, 2019 by: K4HF

Contact: [k4hf@arrl.net](mailto:k4hf@arrl.net)

MFJ Model 464 CW Keyer/Reader w/manual, excellent condx - \$75

Contact me by E Mail, preferred, or (919) 872-6555

Thanks, Chuck

---

## Navy Endorses Amateur Radio

C4ISNET article with NAVY endorsing amateur radio license training.

<https://www.c4isrnet.com/electronic-warfare/2019/02/06/can-learning-ham-radio-make-for-better-engineers-and-software-developers/>

Thanks to Albert Reynolds, N4AGG, for sending this to the Exciter.

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## More SDR websites

<http://ve3sun.com/KiwiSDR/>

Another, however you must run SDR# software and have a bit more tech savvy.

<https://airspy.com/directory/>

Simon Brown's SDR Console also has a server feature. It is much more involved and is not easy learn.

Thanks to Charles Strickland, WA4OSS, for sending this to the Exciter.

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## Deepest Sympathies

Feb 23 at 6:11 PM

We learn from March QST of the recent passing of past RARS Member Art Katz, W2JNW of Raleigh, NC and Peoria, IL Our sympathies are with his family and friends.

73, Chuck, K4HF

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<https://www.rars.org>



# Minutes

## Raleigh Amateur Radio Society

### Board Members Meeting

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*Date | time* 11/20/2018 @ 7:08 pm | *Meeting called to order by* Carl Davis W8WZ

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#### In Attendance

7 Members

**Carl Davis W8WZ**

**Alan Pitegoff AB4OZ**

**Greg Seamster KE4PAX**

**Richard Kroeger N1FUA**

**Murray Merner K4MHM**

**Tom Lewis N4TL**

**Tara Goodwin W4TSW**

---

#### Approval of Minutes

Quorum present: October Board Meeting Minutes Approved

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#### President Report-Carl W8WZ

Present; no report to give

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#### Vice President Report/Exciter Report-Tom N4TL

Tom reports that the next member meeting will be the RARS board elections and potluck and the presentation for January will be High power Medium wave and Shortwave broadcasting by Lauren Libby, WOLD followed by Using a Drone to Capture Video Images for UNC TV, by Bob Gunter, PBS Videographer in February.

Minutes continued from the previous page

For The Exciter is he is working on collecting information for the 50<sup>th</sup> anniversary of the Raleigh Amateur Radio Society edition and has had several great articles and information already sent to him. Carl (W8WZ) also made a point to mention that Tom does great work with The Exciter and he would like to recognize and thank him for running the October member meeting.

---

## Treasurer's Report-Greg KE4PAX

Greg reports that we currently have 368 members, that the report does not include sales of donated equipment that occurred at JARSfest, and that the RARSfest budget looks to be on track with the new proposed charges from the Fairgrounds.

***For more detailed information regarding Greg's Treasurers report please contact KE4PAX***

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## Secretary's Report/RARSfest Chair-Tara W4TSW

Present; No Report

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## Directors Reports

**Education Director-Carl W8WZ:** Carl reports that they have successfully completed the fall class. They registered 18 students and 9 became licensed operators. Carl is already speaking with our instructors on the spring class dates and he will then get with NC State for approval.

He has an idea to launch the Fall 2019 classes using the public school system and doing a weekday night class that would be taught by several RARS members over a course of several weeks.

**NC QSO Party Chair-Marty W4MY:** Not Present, but a report was mailed in that was read by Carl (W8WZ) that stated all planning was going well and a committee webmaster had been chosen and voted in. They have worked with Treasurer and there are no foreseen issues with the budget. Marty requests to continue using the W4DW call sign for the bonus station and has asked if the more relaxed 'fun' station, for all levels of hobbyist to use during the contest, will be continued this year.

The board discussed the report and has decided that we will continue to allow Marty to set up the W4DW special station, as requested, and the NC QSO Party Committee can reach out to Liz and Joe White to discuss the club station that has been used in the past.

**Food Service Chair-Richard N1FUA:** Richard reports that the food service is going well and he has

Minutes continued from the previous page

been receiving positive feedback on the snacks being served at the meetings.

**Field Day Chair-Bob W4TTX:** Not Present and no report but Carl (W8WZ) mentioned that we were listed in the QRZ magazine and we 6 out of 20 in the 7Alpha class. He added a special thanks to Bob and the band chairs for doing a wonderful job of making the event happen successfully.

**Director-at-large-Alan Pitegoff AB4OZ:** Present; Alan had questions regarding if the digital flyer online was the most updated. Upon research it was the most current edition and it was decided the printed ones should be added to the welcome table at the member meeting.

**Youth Director-Murray K4MHM:** Present; no report

**Immediate Past President-Dennis NC4DK:** Not present, no report given

**ARRL NC Section Manager-Karl W4CHX:** Not present, no report given

**W4DW/W4RNC TRUSTEE-Jeff, AC4ZO:** Not present, no report given

**Net Manager-Virginia NC4VA:** Not present, no report given

**Director-at-large-Marty W4MY:** Not present, no report given

**Public Service Director-John K3RHJ:** Not present, no report given

**Director-at-large-Joanne AA3N:** Not Present, no report given

**Webmaster-Hank K4HM:** Not Present, no report given

**FM Repeater Chair-Karl W4CHX:** Not Present, No Report

**Public Information Officer-Charles KM4AMT:** Not present; No Report

**ARRL Liaison-Chuck K4HF** Not present; No Report

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## Old Business

none

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## New Business

The board decided that, barring any pressing business, they would cancel the December board meeting and convene again in January.

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## Additional Business/Comments/Announcements

**Report from the VE Testing Team:** Joe White (WA4GIR) and Liz White (KO4CK) sent in a report that stated during the year they participated in 9 testing sessions: Four prior to meetings, 2 from Tech classes,

Minutes continued from the previous page

and 3 hamfest.

From the meeting sessions they had 33 candidates test which resulted in 9 Tech, 4 General, and 9 Extra with 8 VE's per session.

From the two Tech classes they had 12 test and pass with 10 Tech, 1 General, and 1 Extra and 12 VE's that performed the testing.

They also participated in 3 hamfest testing sessions: RARSfest, Cary, and JARSfest. They noted that, as always, RARSfest was the largest with 59 testing which resulted in 18 Techs, 18 General, and 9 Extra with 13 VE's in attendance.

Cary had 21 test for 7 Techs, 8 General, and 1 Extra with 8 VE's in session.

JARSfest had 13 test which ended with 5 General and 3 Extra.

Joe and Liz would like to thank all the VE's who have dedicated their time and resources this past year to help test and welcome new licensees to the hobby!

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## Next Meeting

1/15/2019, 2011 Ridge Road at 7:00pm

Meeting was adjourned at 8:23pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

---

# Minutes

## Raleigh Amateur Radio Society

### Board Members Meeting

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*Date | time* 01/15/2018 @ 7:02 pm | *Meeting called to order by* Carl Davis W8WZ

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## In Attendance

7 Members

Carl Davis W8WZ

Alan Pitegoff AB4OZ

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<https://www.rars.org>

Minutes continued from the previous page

Chuck Littlewood K4HF  
Richard Kroeger N1FUA  
Murray Merner K4MHM  
Tom Lewis N4TL  
Tara Goodwin W4TSW  
1 Visitor  
Mark Kilmer KM4JRH

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## Approval of Minutes

Quorum not present: November Board Meeting Minutes Not Approved

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## President Report-Carl W8WZ

Present; no report to give

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## Vice President Report/Exciter Report-Tom N4TL

Tom reports that the next member meeting will be Using a Drone to Capture Video Images for UNC TV, by Bob Gunter, PBS Videographer in February and RARSfest Presentation in March.

For The Exciter he is working on collecting information for the 50<sup>th</sup> anniversary of the Raleigh Amateur Radio Society edition and has had several great articles and information already sent to him.

---

## Treasurer's Report-Greg KE4PAX

Greg was not present but Carl (W8WZ) read a report that he mailed in that stated we currently have 385 members, and that since July 1<sup>st</sup> we have 31 new members to RARS. We still have 81 members that have not renewed. He has made our yearly payments to the Mobile Beacon Internet and ZOOM, along with a bi yearly payment to Ridge Road Baptist Church. Currently the Dick Betner Youth Education fund holds 692.00 and 126.00 was pulled out in November 2018 to pay for 9 testing sessions for Youth.

*For more detailed information regarding Greg's Treasurers report please contact KE4PAX*

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## Secretary's Report -Tara W4TSW



Present; No Report

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## Directors Reports

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**Public Service Director-John K3RHJ:** Not present, but Alan (AB4OZ) stated that the APRS had been returned to the club and he wanted permission from the board to sell them since they were not being utilized for Public Service anymore. The club agreed and voted to sell the items which will be handled by Chuck (K4HF)

**Public Information Officer-Tara W4TSW:** Tara reported that she was in the process of updating the Facebook page for RARS with the 2019 events. That RARSfest Facebook and twitter would become busy starting in February/March and that she had turned the NC QSO party page over to their webmaster.

**Education Director-Carl W8WZ:** Carl reported that he is speaking with the instructor about setting up the spring technician class and they are working on dates. He also stated that there were already several possible candidates for the class that he had spoken too that want to sign up once the dates are set.

**Field Day Chair-Bob W4TTX:** Not Present, but Carl (W8WZ) stated that he has spoken to Bob and he is excited about the 2019 field day. This year there will be a compromise where there will be several tents set up but they will be set up close together as a compromise of having the social interaction without too much background noise during transmitting and receiving. He has been actively recruiting band captains. Several board members mentioned that someone should confirm with Bob that he has reached out to the Carrolls about using their farm again for the event and also plan ahead for which bands the GOTA station needs to use this year so it does not interfere with other RARS contesters.

**FM Repeater Chair-Chuck W3WZN:** Not Present but Carl (W8WZ) welcomed him to the FM Repeater Chair leadership and read a report that Chuck had sent to the board which asked that Greg (KE4PAX) to send him a budget report for last year and this year. He also requested that Hank (K4HM) create a secure Repeater Chair folder on the board area of the website. He is in the process of identifying any issues that the repeaters are having so he can work on the fix and what needs to be sent to the insurance company for a claim.

**RARSfest Chair-Tara W4TSW:** Tara reported that the planning for the 2019 RARSfest is moving forward rapidly and successfully. There was an opening in Stage Lead and Fox Hunt that had been filled. The

Minutes continued from the previous page

committee is looking at a replacement for the flea market planning for the 2020 event. Tickets are now on sale as are tables in the flea market.

**Food Service Chair-Richard N1FUA:** Richard reports that the food service is going well and he has been receiving positive feedback on the snacks being served at the meetings. He had questions about the upcoming Birthday celebration that the board was able to answer.

**NC QSO Party Chair-Marty W4MY:** Not Present, but a report was emailed in that was read by Carl (W8WZ) that stated all planning was going well and scheduled for Sunday Feb 24<sup>th</sup> from 10am-8pm and almost all sponsorships are filled. They have added Ken (NE4Y) as the webmaster for NCQSO and the postcard promotion has been mailed out. The "Work All Counties" award this year will be a plaque and they are also working on a new plaque for NC/SC. There will be a bonus station called the "Chairman Challenge" where the NC and SC chairmen will be on air and those who make contact, and submit a log, will be entered into a prize drawing. Joe and Liz White will be hosting a station during the NC QSO party also and more details will be available in The Exciter and at club meetings.

**ARRL Liaison-Chuck K4HF** Chuck reminded the board that the ARRL has a new Roanoke Director and he is going to reach out to them about their RARSfest forum in April. He doesn't think we will be able to get anyone from the ARRL headquarters on a holiday weekend.

**Webmaster-Hank K4HM:** Not Present, Carl (W8WZ) made a point to thank Hank for the smooth transition of the new board members on the website Jan 1<sup>st</sup>.

**Director-at-large-Alan Pitegoff AB4OZ:** Present; No Report

**Immediate Past President-Dennis NC4DK:** Not present, no report given

**ARRL NC Section Manager-Karl W4CHX:** Not present, no report given

**W4DW/W4RNC TRUSTEE-Jeff, AC4ZO:** Not present, no report given

**Net Manager-Virginia NC4VA:** Not present, no report given

**Director-at-large-Robert K4WWR:** Not present, no report given

**Director-at-large-Joanne AA3N:** Not Present, no report given

**Youth Director-Murray K4MHM:** Not Present; No Report

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## Old Business

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Minutes continued from the previous page

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## New Business

50<sup>th</sup> Anniversary of RARS is coming up in March and the board is going to make the event a little more special this year.

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## Additional Business/Comments/Announcements

Chuck (K4HF) reminded the board that in March there would also be the recognition awards and he asked the board to give him some ideas.

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## Next Meeting

2/19/2019, 2011 Ridge Road at 7:00pm

Meeting was adjourned at 8:42pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

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# Minutes

## Raleigh Amateur Radio Society

### Members Meeting

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*Date | time* 1/8/2019 @ 7:30pm | *Meeting called to order by* Carl Davis, W8WZ

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## In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl, W8WZ, at 7:25 pm.

The pledge of Allegiance was recited

There were 32 Members and 1 Visitors

Visitor was John Pate, W1REV

We also had several new members that recently joined from our fall Technician class.

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<https://www.rars.org>

Minutes continued from the previous page

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## Approval of Minutes

Secretary determined a quorum was not present, the November minutes were not approved.

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## Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday (next: February 5th) at 6:30p.m. at the Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday January 15<sup>th</sup> at 7pm in the church conference room.

Tonight's after-meeting gathering, for any who are interested, will be at the Rudinos at 3101 Edwards Mill Rd, Raleigh.

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church and presented by Tadd (KA2DEW)

---

## Door Prizes

There were 8 winners in our door prize drawing.

Albert Reynolds, N4AGG; Steve Ferrarini, KJ4BX; Tim Dassinger, KD4MBC; David Guthrie, WA4DAG; Asif Rizvi, W4EMD; Louis Alexander, K4BYN; Bob Richards, W4GIA; Mark Beason, KM4PFO

**Congratulations to our January Winners; you can find their picture on our Facebook page and the Exciter.**

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## Vice President Report/Exciter Chair-Tom N4TL

Tom reported that the presentation for February Using a Drone to Capture Video Images for UNC TV, by Bob Gunter, PBS Videographer. .

**For more information on how to set your cards and fill out the forms, please contact Tom Lewis, N4TL**

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## Treasurer's Report-Greg KE4PAX

Greg was not present but sent a report which was read by Carl (W8WZ) which stated we currently have 382 members, compared to the 422 we had at the end of the year. Carl then gave a brief financial overview from the report.

**For those interested in official treasurer report can contact Greg (KE4PAX)**

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## Secretary's Report-Tara W4TSW

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Present but No Report

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## Board and Committee Reports

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**NCQSO Party Chair - Marty W4MY** Marty was not present but Carl (W8WZ) reminded the club that the NCQSO party date is Sunday February 25<sup>th</sup> and that Joe and Liz White (WA4GIR/ KO4CK) have invited the members to their house, from 10am-8pm, to work the NCQSO event.

**RARSfest Chair-Tara W4TSW** Tara reminded the club that RARSfest is only three months away and that planning was going well.

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## Board and Committee with No Report

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**Public Service - John K3RHJ**

**FM Repeater Chair - Karl W4CHX**

**Food Service - Richard (N1FUA)**

**ARRL Liaison - Chuck K4HF**

**Youth Director - Murray K4MHM**

**Past President - Dennis NC4DK**

**ARRL Section Manager - Karl W4CHX**

**Webmaster - Hank K4HM**

**W4DW/W4RNC Trustee - Jeff AC4ZO**

**Director at Large - Alan AB4OZ**

**Director at Large - Joanne AA3N**

**Director at Large - Marty W4MY**

**Field Day Chair - Bob W4TTX:**

**Public Information Officer - Charles KM4AMT**

**Education Director-Carl W8WZ**

**Net Manager - Virginia NC4VA**

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## Old Business

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Minutes continued from the previous page

none

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## New Business

none

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## Additional Business/Comments/Announcements

Alan (AB4OZ) announced that it was once again time for his 10m quarterly net (28.364). It will take place after the Traders net on Saturday January 12th and is a great way to test new equipment. He is located at Crabtree Valley Mall area and will start out by beaming west. Afterwards there will be a reporting time, on 2m, to discuss any issues and give signal reports. He will announce the date and time at the January club meeting.

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## Next Meeting

02/12/2019, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:48 pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

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# Minutes

## Raleigh Amateur Radio Society

### Members Meeting

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*Date | time* 02/12/2019 @ 7:30pm | *Meeting called to order by* Tom Lewis (N4TL)

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## In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by Vice President Tom, N\$TL, at 7:32 pm.

The pledge of Allegiance was recited



Minutes continued from the previous page

There were 43 Members and 5 Visitors

Visitors were Hector Parker (W2NPR), Conner Szhan, Eric Petway (KN4RWJ), Racheal Johnson, Mez Johnson

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## Approval of Minutes

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Secretary determined a quorum was present, and the December minutes were approved but the January meeting minutes did not make it to The Exciter so they were not available for approving.

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## Continuing Announcements

---

The RARS dinner takes place monthly on the first Tuesday (next: March 5th) at 6:30p.m. at the Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday February 19<sup>th</sup> at 7pm in the church conference room.

Tonight's after-meeting gathering, for any who are interested, will be at the Rudinos at 3101 Edwards Mill Rd, Raleigh.

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church and presented by Tadd (KA2DEW) Prior to this meeting they spent the class discussing sealing and burying coaxial and testing different coaxial with various radios.

In March they will be testing various oscilloscopes and in April there will be a satellite demo by John Brier (KG4AKV)

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## Door Prizes

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There were 8 winners in our door prize drawing.

Curt Phillips (W4CP), Mel Johnson, Daniel Bartholomew (AG4DB), Tara Goodwin (W4TSW), Charles Swindell (WB4DCM), Charles West (K4CBW), & Virginia Enzor (NC4VA)

**Congratulations to our February Winners; you can find their picture on our Facebook page**

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## Vice President Report/Exciter Chair-Tom N4TL

Tom reported that the presentation for March will be the RARS Awards, RARS 50<sup>th</sup> Birthday Party, and RARSfest Presentation by Tara Goodwin (W4TSW). April will be Restoration of a Collins KWM-1 transceiver, by John Green (KX4P)

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## Treasurer's Report-Greg KE4PAX

Greg was not present and the emailed report did not make it into the February meeting.

**For those interested in official treasurer report can contact Greg (KE4PAX)**

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## Secretary's Report-Tara W4TSW

Present but No Report

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## Board and Committee Reports

**Net Manager - Virginia NC4VA** Virginia reminded the club that we she is still taking submittals for the 64 on .64 award. This is the award anyone can achieve by making 64 separate contacts on the .64 repeater. She hopes to see some more participants claiming the award soon.

**Education Director-Carl W8WZ** Carl was not present but Curt (W4CP) did state there would be a technician class starting in March and if there was anyone looking to take the class then they should contact Carl (W8WZ)

**Field Day Chair - Bob W4TTX:** Bob reminded the club that it is never too early to be thinking of Field Day and that it will be held June 22-23 at the Carroll farm. He has the tents and misc. items rental agreements started and he is working on the caterer.

**FM Repeater Chair – Chuck W3WZN** Chuck was not in attendance but Alan (AB4OZ) stepped up to state that Chuck is working on doing a thought investigation of the repeaters to see what issues need to be repaired or replaced to make all of our repeaters run efficiently.

Minutes continued from the previous page

**RARSfest Chair-Tara W4TSW** Tara reminded the club that RARSfest is only two months away and that the tickets and flea market tables are on sale online. She also mentioned there was still a big need for volunteers. She had Alan (AB4OZ), Tom (N4TL), and Bob (NC1X) to speak about volunteering on the project table and admissions, and also how to pre-register items on the consignment table.

**Public Information Officer – Tara W4TSW** Tara asked the club to take time to go and like the various RARS Facebook pages. RARS, RARSfest, NCQSO, and RARS Field Day.

**NCQSO Party Chair - Marty W4MY** Marty was not in attendance but a member of his committee reminded the club that the NCQSO party will be Sunday Feb 24<sup>th</sup> from 10am-8pm and they are looking for as much participation as possible.

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## Board and Committee with No Report

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**Public Service - John K3RHJ**

**Food Service - Richard N1FUA**

**ARRL Liaison - Chuck K4HF**

**Youth Director - Murray K4MHM**

**Past President - Dennis NC4DK**

**ARRL Section Manager - Karl W4CHX**

**Webmaster - Hank K4HM**

**W4DW/W4RNC Trustee - Jeff AC4ZO**

**Director at Large - Alan AB4OZ**

**Director at Large - Joanne AA3N**

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## Old Business

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none

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## New Business

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none

Minutes continued from the previous page

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## Additional Business/Comments/Announcements

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none

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## Next Meeting

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03/12/2019, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:52 pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

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## Taco Thursday

Left to Right:  
David KN4CUZ,  
Mark KE4JRH,  
Glenn NC4NC,  
Walt K4ZVK,  
???  
Bob NC1X,  
Adrian KM4CSH,  
Alan AB4OZ,  
Johnnie WA9SZL

*Everyone is  
welcome!*



Picture taken by Ken Latchum---AD4GX

11:30 AM every Thursday a group of Hams get together for Lunch at Taco Bell.  
The address is 7036 E Hwy 64 Knightdale, 27545. 1.2 miles east of I540.